

14. The assembly of claim 12, wherein each of the first and second arms is straight.

15. The assembly of claim 12, wherein one of the first and second arms is curved.

16. The assembly of claim 15, wherein the closing mechanism is configured to close over the curved arm.

17. The assembly of claim 12, further comprising a spring at a pivot between the first and second arms.

18. The assembly of claim 17, wherein the spring provides a force to cause the distal ends of the arms to be pushed apart.

19. The assembly of claim 12, wherein the actuation member includes an elongate member having a threaded end that mates with a threaded hole in the closing mechanism.

20. The assembly of claim 12, wherein the closing mechanism includes a tube.

21. The assembly of claim 10, wherein the endoscope further comprises a distal assembly including a housing having a first light source and imaging system facing a distal direction and a second light source and imaging system facing a proximal direction opposite the distal direction.

T 22. A distal assembly of an endoscope, comprising:

a housing having a first light source and imaging system facing a distal direction and a second light source and imaging system facing a proximal direction opposite the distal direction.

23. A method for fastening tissue, comprising the steps of:

What is claimed is:

1. A distal assembly of an endoscopic surgical device, comprising:

a first arm and a second arm pivotal relative to the first arm, each arm configured to hold a part of a two-part fastener at a distal end of the arm;

a closing mechanism positioned proximate a proximal end of each of the first and second arms opposite the distal end of each of the first and second arms, the closing mechanism configured to move in relation to the first and second arms so as to close over at least one of the first and second arms to cause the distal ends of the arms to come together; and

an actuation member attached to the closing mechanism actuable to cause the closing mechanism to move in relation to the first and second arms.

2. The distal assembly of claim 1, wherein the actuation member is a cable.

3. The distal assembly of claim 1, wherein each of the first and second arms is straight.

4. The distal assembly of claim 1, wherein one of the first and second arms is curved.

5. The distal assembly of claim 4, wherein the closing mechanism is configured to close over the curved arm.

6. The distal assembly of claim 1, further comprising a spring at a pivot between the first and second arms.

7. The distal assembly of claim 6, wherein the spring provides a force to cause the distal ends of the arms to be pushed apart.

8. The distal assembly of claim 1, wherein the actuation member includes an elongate member having a threaded end that mates with a threaded hole in the closing mechanism.

9. The distal assembly of claim 1, wherein the closing mechanism includes a tube.

10. An assembly for endoscopically deploying a two-part fastener, comprising:

a flexible endoscope;

a tissue fastening tool configured to be guided along the endoscope; and

a stop mechanism located on the endoscope and configured to stop the advancement of the tissue fastening tool at a location relative to the endoscope.

11. The assembly of claim 10, wherein the stop mechanism includes a ring.

12. The assembly of claim 10, wherein the tissue fastening tool includes:

a first arm and a second arm pivotal relative to the first arm, each arm configured to hold a part of the two-part fastener at a distal end of the arm;

a closing mechanism positioned proximate a proximal end of each of the first and second arms opposite the distal end of each of the first and second arms, the closing mechanism configured to move in relation to the first and second arms so as to close over at least one of the first and second arms to cause the distal ends of the arms to come together; and

an actuation member attached to the closing mechanism actuable to cause the closing mechanism to move in relation to the first and second arms.

13. The assembly of claim 12, wherein the actuation member is a cable.

14. The assembly of claim 12, wherein each of the first and second arms is straight.

15. The assembly of claim 12, wherein one of the first and second arms is curved.

16. The assembly of claim 15, wherein the closing mechanism is configured to close over the curved arm.

17. The assembly of claim 12, further comprising a spring at a pivot between the first and second arms.

18. The assembly of claim 17, wherein the spring provides a force to cause the distal ends of the arms to be pushed apart.

19. The assembly of claim 12, wherein the actuation member includes an elongate member having a threaded end that mates with a threaded hole in the closing mechanism.

20. The assembly of claim 12, wherein the closing mechanism includes a tube.

21. The assembly of claim 10, wherein the endoscope further comprises a distal assembly including a housing having a first light source and imaging system facing a distal direction and a second light source and imaging system facing a proximal direction opposite the distal direction.

22. A distal assembly of an endoscope, comprising:

a housing having a first light source and imaging system facing a distal direction and a second light source and imaging system facing a proximal direction opposite the

23. A method for fastening tissue, comprising the steps of:

guiding a tissue fastening tool along an endoscope until the tissue fastening tool contacts a stop mechanism so as to position the tissue fastening tool relative to the endoscope, wherein the tissue fastening tool includes a pair of arms, each arm holding a part of a two-part fastener;

positioning the pair of arms about the tissue to be fastened; and

closing the arms to deploy the two-part fastener and fasten the tissue.

24. The method of claim 23, further comprising turning a distal end of the endoscope to face the tissue fastening tool and the tissue to be fastened.

25. The method of claim 23, further comprising the step of switching from a first light source and imaging system of the endoscope that faces a distal direction and a second light source and imaging system of the endoscope that faces a proximal direction opposite the distal direction.

26. The method of claim 23, further comprising the step of actuating a closing mechanism to move in relation to the arms so as to close over at least one of the arms and cause the arms to come together.

27. The method of claim 26, wherein actuating the closing mechanism includes pulling on a cable attached to the closing mechanism.

28. The method of claim 26, wherein actuating the closing mechanism includes rotating a shaft with a threaded end that is coupled to the closing mechanism,

29. The method of claim 23, wherein the pair of arms are in a substantially closed configuration during the guiding step.

distal
direction.